

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing Of Claims:

1.-15. (Canceled).

16. (Currently Amended) A method of assigning transmission channels in a telecommunications network having a plurality of base stations and a plurality of mobile stations, the transmission channels being provided for transmitting signals between the plurality of base stations and the plurality of mobile stations, the method comprising:

in an uncoordinated operation of the base stations for ~~one of~~ establishing a connection ~~and during a connection~~ between one of the base stations and one of the mobile stations, including assigning an uplink and a downlink transmission channel for at least one of the transmission channels of the transmission of signals between the one of the base stations and the one of the mobile stations to one of a connection to be established and an existing connection as a function of a channel measurement; and

~~measuring a transmission power on all possible transmission channels, when a previously measured transmission power on the transmission channel is minimal~~

whereby said one of the base stations and said one of the mobile stations each perform a channel measurement on all possible transmission channels to determine whether such transmission channels are below a pre-selected value for connection quality and said uplink and downlink transmission channels are assigned based on said measurement, and thereafter said one of the base stations and said one of the mobile stations repeatedly re-measure all of the possible transmission channels not previously used to determine whether such transmission channels are below a pre-selected value for connection quality.

17. (Previously Presented) The method according to claim 16, further comprising use of codes to spread at least one transmission resource into a plurality of the transmission channels, wherein the channel measurement includes a code measurement, in which a received signal for each transmission resource is despread using allowed ones of the codes to measure the transmission power in each of the transmission channels.

18. (Previously Presented) The method according to claim 17, wherein the codes are provided for spreading at least one of a time slot and a frequency band.

19. (Canceled).

20. (Currently Amended) The method according to claim 16, wherein ~~the channel measurement is performed during an existing connection between one of the base stations and one of the mobile stations, and wherein~~ a connection quality of the existing connection is measured in parallel, and, if the connection quality falls below a preselected value, a channel change is performed and at least one new transmission channel is assigned as a function of a channel measurement of the existing connection.

21-23. (Canceled).

24. (Previously Presented) The method according to claim 16, wherein at least one of the base stations transmits specific information via a broadcast channel to all of the mobile stations within a reception range of the at least one of the base stations, and the broadcast channel is changed if an interference detected on the broadcast channel exceeds a preselected value.

25. (Previously Presented) The method according to claim 24, wherein at least one of the transmission channels is reserved for use as the broadcast channel.

26. (Previously Presented) The method according to claim 16, wherein the following steps are performed if a transmission capacity of the transmission channels established for assignment is not sufficient:

- (A) scrambling at least one of the transmission channels with a new scrambling code; and
- (B) assigning the at least one scrambled transmission channel for transmitting signals between one of the base stations and one of the mobile stations as a function of a channel measurement, wherein a transmission power on all possible ones of the transmission channels is measured after scrambling the at least one transmission channel, if a transmission power measured on the at least one transmission channel is minimal.

27-32. (Canceled).